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 Dock tNo.  
2000-0085-1

# Declaration and Power of Attorney For Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**PROCESS MONITORING SYSTEM FOR LITHOGRAPHY LASERS**

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on December 8, 2000 as United States Application No. or PCT International Application Number 09/733,194 and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

N/A

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

I hereby claim the benefit under 35 U.S.C. Section 119( ) of any United States provisional application(s) listed below:

|                                   |                        |
|-----------------------------------|------------------------|
| N/A                               |                        |
| _____<br>(Application Serial No.) | _____<br>(Filing Date) |
| _____<br>(Application Serial No.) | _____<br>(Filing Date) |
| _____<br>(Application Serial No.) | _____<br>(Filing Date) |

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

|                                   |                        |   |
|-----------------------------------|------------------------|---|
| 09/505,233                        | February 16, 2000      | Pending   |
| _____<br>(Application Serial No.) | _____<br>(Filing Date) | _____<br>(Status)<br>(patented, pending, abandoned) |
| _____<br>(Application Serial No.) | _____<br>(Filing Date) | _____<br>(Status)<br>(patented, pending, abandoned) |
| _____<br>(Application Serial No.) | _____<br>(Filing Date) | _____<br>(Status)<br>(patented, pending, abandoned) |

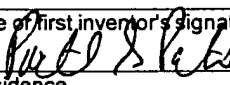
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

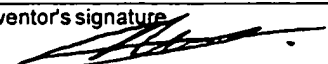
**John R. Ross, Reg. No. 30,530**

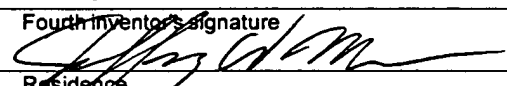
**Send Correspondence to:** **John R. Ross**  
**Cymer, Inc.**  
**16750 Via Del Campo Court**  
**San Diego, CA 92127-1712**


**Direct Telephone Calls to:** *(name and telephone number)*  
**John R. Ross (858) 385-7185**

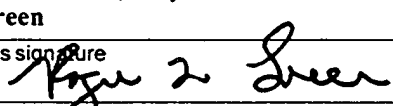
|   |                           |
|---|---------------------------|
| Full name of sole or first inventor<br><b>Parthiv S. Patel</b>  |                           |
| Sole or first inventor's signature<br> | Date<br><b>02/28/2001</b> |
| Residence<br><b>11076 Caminito Alvarez, San Diego, California, 92126, U.S.A.</b>  |                           |
| Citizenship<br><b>United States</b>   |                           |
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|  |                          |
|--|--------------------------|
| Full name of second inventor, if any<br><b>Joseph E. Conway</b>  |                          |
| Second inventor's signature<br> | Date<br><b>3/13/2001</b> |
| Residence<br><b>618 Burnham Street, El Cajon, California, 92019, U.S.A.</b>  |                          |
| Citizenship<br><b>United States</b>  |                          |
| Post Office Address<br><b>SAME AS ABOVE</b>  |                          |
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|---|--------------------------|
| Full name of third inventor, if any<br><b>Muljadi Tantra</b>  |                          |
| Third inventor's signature<br> | Date<br><b>2/25/2001</b> |
| Residence<br><b>2667 Torrey Court, Pleasanton, California, 94588, U.S.A.</b>                                    |                          |
| Citizenship<br><b>Indonesia</b>   |                          |
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|--|--------------------------|
| Full name of fourth inventor, if any<br><b>Jeffrey W. Moen</b>   |                          |
| Fourth inventor's signature<br> | Date<br><b>3/13/2001</b> |
| Residence<br><b>4991 Frazee Road, Oceanside, California, 92057, U.S.A.</b>                                       |                          |
| Citizenship<br><b>United States</b>  |                          |
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|---|------------------------|
| Full name of fifth inventor, if any<br><b>Jason R. Carlesi</b>  |                        |
| Fifth inventor's signature<br> | Date<br><b>2-28-01</b> |
| Residence<br><b>13915 Mussey Grade Road, Ramona, California, 92065, U.S.A.</b>                                    |                        |
| Citizenship<br><b>United States</b>   |                        |
| Post Office Address<br><b>SAME AS ABOVE</b>   |                        |
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|---|--------------------------|
| Full name of sixth inventor, if any<br><b>Roger L. Green</b>  |                          |
| Sixth inventor's signature<br> | Date<br><b>3/14/2001</b> |
| Residence<br><b>2353 Royal Crest Drive, Escondido, California, 92025, U.S.A.</b>                                  |                          |
| Citizenship<br><b>United States</b>   |                          |
| Post Office Address<br><b>SAME AS ABOVE</b>   |                          |
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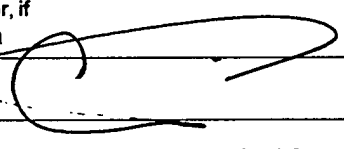
|   |                       |
|---|-----------------------|
| Full name of seventh inventor, if any<br><b>Tom A. Watson</b>                 |                       |
| Seventh inventor's signature<br><i>Tom A. Watson</i>                          | Date<br><b>3/5/01</b> |
| Residence<br><b>4427 Salisbury Drive, Carlsbad, California, 92008, U.S.A.</b> |                       |
| Citizenship<br><b>United States</b>   |                       |
| Post Office Address<br><b>SAME AS ABOVE</b>                                   |                       |
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|  |      |
|--|------|
| Full name of eighth inventor, if any<br><b>Christopher G. Rowan</b>    |      |
| Eighth inventor's signature  | Date |
| Residence<br><b>346 D. Avenue, Coronado, California, 92118, U.S.A.</b> |      |
| Citizenship<br><b>United States</b>                                    |      |
| Post Office Address<br><b>SAME AS ABOVE</b>                            |      |
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|-------------------------------------|------|
| Full name of ninth inventor, if any |      |
| Ninth inventor's signature          | Date |
| Residence                           |      |
| Citizenship                         |      |
| Post Office Address                 |      |
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|-------------------------------------|------|
| Full name of tenth inventor, if any |      |
| Tenth inventor's signature          | Date |
| Residence                           |      |
| Citizenship                         |      |
| Post Office Address                 |      |
|                                     |      |

|   |      |
|---|------|
| Full name of seventh inventor, if any<br><b>Tom A. Watson</b>                 |      |
| Seventh inventor's signature  | Date |
| Residence<br><b>4427 Salisbury Drive, Carlsbad, California, 92008, U.S.A.</b> |      |
| Citizenship<br><b>United States</b>   |      |
| Post Office Address<br><b>SAME AS ABOVE</b>                                   |      |
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|---|------------------------|
| Full name of eighth inventor, if any<br><b>Christopher G. Rowan</b>   |                        |
| Eighth inventor's signature  | Date<br><b>2/21/01</b> |
| Residence<br><b>346 D. Avenue, Coronado, California, 92118, U.S.A.</b>  |                        |
| Citizenship<br><b>United States</b>   |                        |
| Post Office Address<br><b>SAME AS ABOVE</b>   |                        |
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| Full name of ninth inventor, if any |      |
| Ninth inventor's signature          | Date |
| Residence                           |      |
| Citizenship                         |      |
| Post Office Address                 |      |
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|-------------------------------------|------|
| Full name of tenth inventor, if any |      |
| Tenth inventor's signature          | Date |
| Residence                           |      |
| Citizenship                         |      |
| Post Office Address                 |      |
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PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

|                        |                        |
|------------------------|------------------------|
| Application Number     | 09/733,194             |
| Filing Date            | December 8, 2000       |
| First Named Inventor   | Parthiv Partel, et al. |
| Group Art Unit         | 2121                   |
| Examiner Name          | E. Gain                |
| Attorney Docket Number | 2000-0085-01           |

I hereby appoint:

☐ Practitioners at Customer Number  →

Place Customer  
Number Bar Code  
Label here

☒ Practitioner(s) named below:

| Name             | Registration Number |
|------------------|---------------------|
| Albert P. Cefalo | 27,315              |
| William Cray     | 27,627              |
|                  |                     |
|                  |                     |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioner(s) at Customer Number.  →

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Number Bar Code  
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OR

☒ Firm or Individual Name      Albert P. Cefalo and William Cray

Address      Cymer, Inc. Legal Dept.

Address      17075 Thornmint Court

City      San Diego      State      California      Zip      92127

Country      USA

Telephone      (858) 385-7185      Fax      (858) 385-6025

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name      Nancy J. Baker, Senior Vice President and CFO

Signature      

Date      June 10, 2003

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple

☐ \*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**STATEMENT UNDER 37 CFR 3.73(b)**

**COPY**

Applicant: Parthiv Partel, et al.

Application No.: 09/733,194 Filed: December 8, 2000

Entitled: Process Monitoring System for Lithography Lasers

Cymer, Inc.

, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011640, Frame 0740, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

June 10, 2003  
Date

Nancy J. Baker  
Signature

Nancy J. Baker

Typed or printed name

Senior Vice President & CFO

Title